

Notice of Allowability

Application No.

09/972,010

Applicant(s)

BALDWIN ET AL.

Examiner

Art Unit

AZIZUL CHOUDHURY

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/25/07.
2. ☒ The allowed claim(s) is/are 1, 3-21 and 23-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

/A. C./
Examiner, Art Unit 2145

Detailed Action

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Victor on June 26, 2008.

Claim 21 (Currently Amended) ~~Computer readable media including code executed by A~~
system comprising a first and second digital data processors having first and second operating systems in communication with one or more storage devices, comprising
~~wherein the code comprises:~~

- a first platform-specific process executing on the first digital data processor;
- a second platform-specific process executing on the second digital data processor, wherein the second operating system is different from the first operating system;

- a first common platform-independent process executing on the first digital data processor, wherein the first common platform-independent process invokes and communicates with a first command line interface of the first operating system to effect execution of the first platform-specific process via command line parameters; and

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a second common platform-independent process executing on the second digital data processor, wherein the second common platform-independent process invokes and communicates with a second command line interface of the second operating system to effect execution of the second platform-specific process via command line parameters.

Claim 23 (Currently Amended) The ~~computer-readable-media~~ system of claim 21, further comprising:

a manager in communication with the first and second common platform-independent processes to transmit requests thereto for information regarding one or more components of the SAN.

Claim 24 (Currently Amended) The ~~computer-readable-media~~ system of claim 23, wherein the first and second common platform independent processes respond to the requests from the manager by invoking the first and second platform-specific processes, respectively.

Claim 25 (Proposed Amendment) The ~~computer-readable-media~~ system of claim 24, wherein the invoked first and second platform specific processes gather information regarding one or more SAN components and transmit the information to the Standard Output/Error of their respective first and second digital data processors.

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Claim 26 (Currently Amended) The ~~computer-readable media~~ system of claim 24, wherein the manager comprises a query engine for transmitting the request to the first and second common platform independent processes.

Allowable Subject Matter

Previously presented claims 1, 3-20 and newly amended claims 21 and 23-26 are allowed.

The following is an examiner's statement of reasons for allowance: No prior arts could be found, alone or in combination, which could teach all of the claim limitations. In particular, no prior arts could be found to teach a storage area network with two distinct processors each executing a different operating system, wherein the different operating systems communicate via a command line interface with one another.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AZIZUL CHOUDHURY whose telephone number is (571)272-3909. The examiner can normally be reached on M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571) 272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. C./
Examiner, Art Unit 2145

/Jason D Cardone/
Supervisory Patent Examiner, Art Unit 2145